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E.O. 12958: DECL: 09/14/2029  
TAGS: [KACT](#) [PARM](#) [START](#) [US](#) [RS](#)  
SUBJECT: SFO-DIP-09-005D: U.S. DRAFT NEW START TREATY  
INSPECTION PROTOCOL ANNEXES, CABLE 4 OF 8

REF: A. STATE 088262 (U.S.-PROPOSED TREATY TEXT PART 1)  
[1](#)B. STATE 088263 (U.S.-PROPOSED TREATY TEXT PART 2)  
[1](#)C. STATE 091093 (DRAFT NEW START TREATY IP CABLE 1  
OF 7)  
[1](#)D. STATE 091284 (DRAFT NEW START TREATY IP CABLE 2  
OF 7)  
[1](#)E. STATE 091291 (DRAFT NEW START TREATY IP CABLE 3  
OF 7)  
[1](#)F. STATE 091106 (DRAFT NEW START TREATY IP CABLE 4  
OF 7)  
[1](#)G. STATE 091134 (DRAFT NEW START TREATY IP CABLE 5  
OF 7)  
[1](#)H. STATE 091143 (DRAFT NEW START TREATY IP CABLE 6  
OF 7)  
[1](#)I. STATE 091151 (DRAFT NEW START TREATY IP CABLE 7  
OF 7)

Classified By: Jerry A. Taylor, Director, VCI/SI.  
Reason: 1.4(b) and (d)

[1](#)1. (U) This is an action request. See paragraph 4 below.

[1](#)2. (S) BACKGROUND: On August 25, 2009, U.S. Embassy Moscow provided to the Russian Federation the texts of the U.S.-proposed Draft New START Treaty Articles (Refs A and B). On September 2, 2009, the U.S. Delegation to the New START Treaty negotiations provided the texts of the U.S.-proposed Draft New START Treaty Inspection Protocol to the Russian Delegation in Geneva (Refs C-I). This cable contains the U.S.-proposed draft of the New START Treaty Inspection Protocol Annexes.

[1](#)3. (S) This is cable 4 of 8 cables. This cable contains paragraph 7 of Annex 6 through paragraph A5(n) of Section V of Annex 8 of the U.S.-proposed Draft Inspection Protocol Annexes. Embassy should note that, due to the length of the draft, the text was sent using multiple cables.

[1](#)4. (U) ACTION REQUEST: Embassy Moscow is requested to combine the texts of the U.S. draft New START Treaty Inspection Protocol Annexes contained in the associated cables into one document and provide that text to appropriate host government officials. Washington will provide a courtesy Russian-language translation of the U.S. draft New START Treaty Telemetry Protocol when available; however, delivery of the English language text should not be delayed. Embassy is requested to confirm delivery of the text, the name and office of the official to whom it was delivered, the date of delivery, and any comment or reaction provided at that time.

15. (S/Releasable to the Russian Federation) Begin text:

17. For a newly produced ICBM for mobile launchers of ICBMs, the inspected Party shall inform the monitors of the data from the unique identifier applied to such an ICBM, as provided for in paragraph 3 or 4 of this Annex, before such an item exits through the portal of the monitored facility and shall provide to the inspecting Party such data in accordance with paragraph 3 of Section I of the Notification Protocol.

#### ANNEX 7

#### PROCEDURES FOR DELIVERING AND EXAMINING EQUIPMENT AND SUPPLIES TRANSPORTED BY INSPECTION AIRPLANES USED IN ACCORDANCE WITH PARAGRAPH 4 OF SECTION IV OF THIS PROTOCOL

11. Prior to the arrival of an inspection airplane used in accordance with paragraph 4 of Section IV of this Protocol, the inspecting Party, through its embassy, shall provide the inspected Party with an inventory of cargo being delivered that consists of equipment and supplies intended for the conduct of continuous monitoring activities. The inspecting Party shall provide this inventory to the inspected Party no less than ten days prior to the arrival of such an airplane, unless otherwise agreed within the framework of the Bilateral Consultative Commission. Such an inventory shall include:

(a) to which facility subject to continuous monitoring or monitored facility a particular palletized or oversize item of cargo, including modular structures, shall be delivered;

(b) the weight and dimensions of each separate palletized or oversize item of cargo, including modular structures, and, if necessary for facilitating transportation of separate items from the point of entry to a facility subject to continuous monitoring or monitored facility, black and white photographs, or clear facsimile copies of photographs, of each such item;

(c) whether there are modular structures in the cargo that is being delivered;

(d) the contents of each shipping container on a pallet and of each modular structure described in such a way that the inspected Party is able to correlate each item of equipment that is being delivered with the list of equipment provided for in Section V of Annex 8 and in Annex 9 to this Protocol; and

(e) for each major item of equipment specified in that inventory, the part of the perimeter and portal continuous monitoring system, as specified in Annex 9 to this Protocol, in which that item of equipment is included.

12. Each shipping container on a pallet, listed in the inventory provided in accordance with paragraph 1 of this Annex, shall be marked with a freight marking, and shall have a complete packing list. One copy of that packing list shall also be included in the inventory.

13. At the choice of the inspected Party, cargoes consisting of equipment and supplies listed in the inventory provided in accordance with paragraph 1 of this Annex, may be examined at the point of entry, at the airport associated with the facility subject to continuous monitoring or monitored facility, or directly at such a facility. If the examination of such cargo is conducted at the point of entry or at the airport associated with the facility subject to continuous monitoring or monitored facility, such an examination, at the discretion of the inspecting Party, may be conducted in the presence of the aircrew members. Equipment and supplies carried separately from the cargo shall be examined at the point

of entry or at the airport associated with the facility subject to continuous monitoring or monitored facility, subject to the provisions of paragraphs 8, 11, 12 and 13 of Section V of this Protocol.

¶4. During the examination of the cargo, the contents of each shipping container, and of each modular structure, shall be checked against the list of equipment provided for in Section V of Annex 8 and in Annex 9 to this Protocol and against the inventory of equipment and supplies provided pursuant to paragraph 1 of this Annex. Based on the results of the examination of the cargo, a member of the in-country escort and the monitoring team leader or an authorized representative of such a team shall draw up and sign a joint inventory of the equipment and supplies to reflect items actually delivered. After the joint inventory has been signed, the monitors shall have the right to begin using the cleared equipment, subject to the provisions of paragraph 25 of Section XIV of this Protocol, and the cleared supplies, at the facility subject to continuous monitoring or monitored facility.

¶5. Until the joint inventory referred to in paragraph 4 of this Annex is signed, the inspected Party shall assist the inspecting Party in providing security and protection from inclement weather for the cargo. For that purpose the inspected Party shall provide storage areas for the equipment and supplies. If the examination of cargo is conducted at the facility subject to continuous monitoring or monitored facility, the inspected Party may conduct that examination in the building for the storage of equipment and supplies provided for in paragraph 23 of Section XIV of this Protocol. A storage method shall be used that requires the presence of representatives of both Parties for access to the equipment or supplies.

¶6. If the examination of the cargo is carried out at the point of entry or at the airport associated with the facility subject to continuous monitoring or monitored facility, upon completion of the examination procedures, the inspecting Party shall repack the cargo, unless otherwise agreed within the framework of the Bilateral Consultative Commission. The inspected Party, at the request of the inspecting Party, shall assist the inspecting Party in repacking the cargo. If the examination of the cargo is conducted at the point of entry or at the airport associated with the facility subject to continuous monitoring or monitored facility, the inspected Party at the request of the inspecting Party shall assist the inspecting Party in providing for the security of the equipment and supplies during loading and unloading operations, in fastening the cargo for shipment, and in protecting the cargo from inclement weather. After the cargo has been packed, it shall be sealed with seals of each of the Parties. Upon arrival of the cargo at the facility subject to continuous monitoring or monitored facility, the monitoring team leader and a member of the in-country escort shall jointly examine the seals. The monitors shall open each shipping container and modular structure in the presence of the in-country escort.

¶7. The monitors shall have the right to observe palletized or oversize items of cargo, including modular structures, at the point of entry and at each point where they are transferred from one vehicle to another, including: observing the loading of such items of cargo onto the vehicles that will transport them to the facility subject to continuous monitoring or monitored facility or to an intermediate transfer point; observing the transfer of such items of cargo at an intermediate transfer point; and observing such items of cargo at the facility subject to continuous monitoring or monitored facility after the vehicles carrying such cargo arrive there. In the event of unforeseen delays, the monitors shall have the right to observe such items of cargo that are inside vehicles while such items of cargo are in transit.

¶8. If during the examination of cargo, or at any time during installation, operation, or maintenance of equipment, the in-country escort concludes that an item of equipment or supplies can perform, or does perform, functions unconnected with the requirements of continuous monitoring activities, such an item of equipment or supplies shall be impounded at the location of the examination. A member of the in-country escort shall explain to the monitoring team leader, or authorized representative of such a team, the reasons for such a conclusion. If the monitoring team leader, or authorized representative of such a team, disagrees with the conclusion of the member of the in-country escort, the monitoring team leader, or authorized representative of such a team, may explain the appropriateness of the item of equipment or supplies to the requirements of continuous monitoring activities. If the member of the in-country escort remains convinced of the original conclusion, that member of the in-country escort and the monitoring team leader, or authorized representative of such a team, shall record their views in a joint document, and each of them shall retain a copy of the document. The Parties may resolve disagreements on the use of impounded equipment or supplies through diplomatic channels, within the framework of the Bilateral Consultative Commission, or by other methods agreed by the Parties. Equipment and supplies impounded at the point of entry or at the airport associated with a facility subject to continuous monitoring or monitored facility shall not be brought to such a facility. Equipment impounded at such a facility shall either not be installed or its use shall be discontinued, and supplies impounded at such a facility shall not be used. Unless the inspected Party informs the inspecting Party of a different decision, such equipment or supplies shall be removed from the territory of the inspected Party. If necessary, the inspected Party shall assist the inspecting Party in delivering such equipment or supplies to the point of entry or airport associated with the facility subject to continuous monitoring or monitored facility. At the choice of the inspected Party, prior to removal from the territory of the inspected Party, such equipment or supplies shall be stored at the point of entry, at the airport associated with the facility subject to continuous monitoring or monitored facility, or directly at such a facility. A storage method shall be used that requires the presence of representatives of both Parties for access to the impounded equipment or supplies.

#### ANNEX 8 EQUIPMENT FOR INSPECTIONS AND CONTINUOUS MONITORING ACTIVITIES

¶I. Characteristics of equipment for data update inspections, nuclear warhead inspections of deployed heavy bombers, conversion or elimination inspections, and formerly declared facility inspections conducted pursuant to paragraphs 2, 3 (b), 4, and 5, of Article XI of the Treaty.

¶A. For the United States of America:

¶1. Linear Measurement Devices (quantity for each inspection team):

- (a) 5 30 meter measuring tapes;
- (b) 10 3 meter measuring tapes;
- (c) 2 3 meter measuring sticks;
- (d) 10 Plumb bobs;
- (e) 2 Plumb bob cords;
- (f) 10 Plumb bob targets;
- (g) 1 Roll of tape; and
- (h) 1 Inspection suitcase.

¶2. Camera Equipment (quantity for each inspection team):

- (a) 2 Digital cameras (minimum 5 megapixel resolution specific camera type to be agreed) with charger, provided by the inspected Party;
- (b) 1 Lens, provided by the inspected Party;
- (c) 1 Flash, provided by the inspected Party;
- (d) 1 Memory card for camera, provided by the inspected Party;
- (e) 1 Portable color printer with charger (specific type to be agreed), to be provided by the inspected Party;
- (f) 1 Tripod;
- (g) 2 Spare batteries each for cameras, flash, and portable printer;
- (h) 1 Range rod point;
- (i) 1 Camera case;
- (j) 1 Package of lens tissue;
- (k) 1 Lens brush;
- (l) 1 2.5 meter range rod; and
- (n) 2 Lens filters one ultraviolet haze, one amber.

13. Other Portable Equipment (quantity for each inspector):

- (a) 1 Flashlight (safety approved), with spare batteries and spare bulb;
- (b) 1 Magnetic compass;
- (c) 1 Pocket calculator with spare batteries;
- (d) 1 Roll of tamper indicating tape seals;
- (e) 1 Thermoluminescent dosimeter; and
- (f) 1 Ionization dosimeter.

14. Other Portable Equipment (quantity for each inspection team):

- (a) 2 Ionization dosimeter charger units;
- (b) 2 Satellite system receiver sets, each provided by the inspected Party and consisting of the following:

- (i) 1 Portable receiver;
- (ii) 1 Direct current adapter (external);
- (iii) 2 Spare battery sets for each portable receiver;
- (iv) 1 Battery holder;
- (v) 1 External antenna with cable and antenna installation kit;
- (vi) 2 Instruction manuals, one in English and one in Russian;
- (vii) 1 Container; and
- (viii) 1 Equipment bag.

- (c) Set of radiation detection equipment consisting of the following:

- (i) 2 Neutron detectors, including preamplifiers with signal/power cables (counting time - 150 seconds);
- (ii) 2 Electronic counters with instruction manual;
- (iii) 10 Plastic bags for weather protection;
- (iv) 1 Americium-241-Lithium neutron source for calibration, emitting approximately 3000 neutrons per second, precalibrated by the inspecting Party;
- (v) 1 Tool kit;
- (vi) 30 Spare batteries, miscellaneous sizes;
- (vii) 1 Stand for neutron detector;
- (viii) 1 Measuring tape;
- (ix) 2 Battery powered lights;
- (x) 3 Programmable calculators, with instruction manual;
- (xi) 2 Thermometers;
- (xii) 1 Stand for calibration source; and
- (xiii) 4 Instruction manuals, two in English and two in Russian.1

1B. For the Russian Federation:

11. Linear Measurement Devices (quantity for each inspection team):

- (a) 5 30-meter measuring tapes;
- (b) 5 5-meter measuring tapes;
- (c) 2 3-meter measuring sticks;
- (d) 4 Plumb bobs;

- (e) 2 Plumb bob cords;
- (f) 4 Plumb bob targets;
- (g) 1 Roll of tape; and
- (h) 1 Inspection suitcase.

12. Camera Equipment (quantity for each inspection team):

- (a) 2 Digital cameras (minimum 5 megapixel resolution specific camera type to be agreed) with charger, provided by the inspected Party ;
- (b) 1 Lens to be provided by the inspected party;
- (c) 1 Flash to be provided by the inspected party;
- (d) 1 Memory card for camera to be provided by the inspected party;
- (e) 1 Portable color printer with charger (specific type to be agreed), to be provided by the inspected party;
- (f) 1 Tripod;
- (g) 2 Spare batteries each for cameras, flash, and portable printer;
- (h) 1 Range rod point;
- (i) 1 Camera case;
- (j) 1 Package of lens tissue;
- (k) 1 Lens brush;
- (l) 1 2.5 meter range rod; and
- (n) 2 Lens filters one ultraviolet haze, one amber.

13. Other Portable Equipment (quantity for each inspector):

- (a) 1 Flashlight (safety approved), with spare batteries and spare bulb;
- (b) 1 Magnetic compass;
- (c) 1 Pocket calculator with spare batteries;
- (d) 1 Roll of tamper indicating tape seals;
- (e) 1 Ruler; and
- (f) 1 Thermoluminescent dosimeter.

14. Other Portable Equipment (quantity for each inspection team):

- (a) 2 Satellite system receiver sets provided by the inspected Party, each consisting of the following:
  - (i) 1 Portable receiver;
  - (ii) 1 Direct current adapter (external);
  - (iii) 2 Spare battery sets for each portable receiver;
  - (iv) 1 Battery holder;
  - (v) 1 External antenna with cable and antenna installation kit;
  - (vi) 2 Instruction manuals, one in English and one in Russian;
  - (vii) 1 Container; and
  - (viii) 1 Equipment bag.
- (b) Set of SRPN6 radiation detection equipment consisting of the following:
  - (i) 2 neutron detectors, including preamplifiers with signal/power cables, manufactured by NIIIT, Model SRPN6.05.000 (counting time 150 seconds);
  - (ii) 2 Registering Devices, Model SRPN6.04.000;
  - (iii) 1 Americium-241-Lithium neutron source for calibration, emitting approximately 3000 neutrons per second, precalibrated by the inspecting Party;
  - (iv) 2 Measuring tapes;
  - (v) 2 Battery-powered lights;
  - (vi) 1 Stand for neutron detector;
  - (vii) 6 Spare batteries;
  - (viii) 2 Calculators, programmable;
  - (ix) 1 Stand for calibration source;
  - (x) 4 Operating instruction manuals, two in English and two in Russian.

II. Characteristics of equipment for nuclear warhead inspections conducted pursuant to paragraph 3 (a) of Article XI of the Treaty.

1A. For the United States of America:



11. Portable Equipment (quantity for each inspector):

- (a) 1 3 meter measuring tape;
- (b) 1 Flashlight (safety approved), with spare batteries and spare bulb;
- (c) 1 Pocket calculator with spare batteries;
- (d) 1 Magnetic compass;
- (e) 1 Roll of tamper indicating tape seals;
- (f) 1 Thermoluminescent dosimeter; and
- (g) 1 Ionization dosimeter.

12. Other Portable Equipment (quantity for each inspection team):

- (a) 2 Ionization dosimeter charger units;
- (b) 2 Satellite system receiver sets, each provided by the inspected Party and consisting of the following:

- (i) 1 Portable receiver;
- (ii) 1 Direct current adapter (external);
- (iii) 2 Spare battery sets for each portable receiver;
- (iv) 1 Battery holder;
- (v) 1 External antenna with cable and antenna installation kit;
- (vi) 2 Instruction manuals, one in English and one in Russian;
- (vii) 1 Container; and
- (viii) 1 Equipment bag.

- (c) Set of radiation detection equipment consisting of the following:

- (i) 2 Neutron detectors, including preamplifiers with signal/power cables (counting time 150 seconds);
- (ii) 2 Electronic counters, with instruction manual;
- (iii) 10 Plastic bags for weather protection;
- (iv) 1 Americium 241 Lithium neutron source for calibration, emitting approximately 3000 neutrons per second, precalibrated by the inspecting Party;
- (v) 1 Tool kit;
- (vi) 30 Spare batteries, miscellaneous sizes;
- (vii) 1 Stand for neutron detector;
- (viii) 1 Measuring tape;
- (ix) 2 Battery powered lights;
- (x) 3 Programmable calculators, with instruction manual;
- (xi) 2 Thermometers;
- (xii) 1 Stand for calibration source; and
- (xiii) 4 Instruction manuals, two in English and two in Russian.1

1B. For the Russian Federation:

11. Portable Equipment (quantity for each inspector):

- (a) 1 5-meter measuring tape;
- (b) 1 Flashlight (safety approved), with spare batteries and spare bulb;
- (c) 1 Magnetic compass;
- (d) 1 Pocket calculator with spare batteries;
- (e) 1 Roll of tamper-indicating tape seals;
- (f) 1 Ruler;
- (g) 1 Thermoluminescent dosimeter;
- (h) 1 Curvometer; and
- (i) 1 Pair of dividers.

12. Other Portable Equipment (quantity for each inspection team):

- (a) 2 Satellite system receiver sets provided by the inspected Party, each consisting of the following:

- (i) 1 Portable receiver;
- (ii) 1 Direct current adapter (external);
- (iii) 2 Spare battery sets for each portable receiver;
- (iv) 1 Battery holder;
- (v) 1 External antenna with cable and antenna installation kit;

- (vi) 2 Instruction manuals, one in English and one in Russian;
- (vii) 1 Container; and
- (viii) 1 Equipment bag.

(b) Set of SRPN6 radiation detection equipment consisting of the following:

- (i) 2 neutron detectors, including preamplifiers with signal/power cables, manufactured by NIIIT, Model SRPN6.05.000 (counting time 150 seconds);
- (ii) 2 Registering Devices, Model SRPN6.04.000;
- (iii) 1 Americium-241-Lithium neutron source for calibration, emitting approximately 3000 neutrons per second, precalibrated by the inspecting Party;
- (iv) 2 Measuring tapes;
- (v) 2 Battery-powered lights;
- (vi) 1 Stand for neutron detector;
- (vii) 6 Spare batteries;
- (viii) 2 Calculators, programmable;
- (ix) 1 Stand for calibration source;
- (x) 4 Operating instruction manuals, two in English and two in Russian.

III. Characteristics of equipment for inspections during technical characteristics exhibitions conducted pursuant to paragraph 6 of Article XI of the Treaty.

1A. For the United States of America:

11. Linear Measurement Devices (quantity for each inspection team):

- (a) 3 Measuring tape clamps;
- (b) 2 Tape tensioning scales;
- (c) 2 Magnifying glasses;
- (d) 2 Hand levels;
- (e) 2 String line levels;
- (f) 2 Calipers with micrometer screw;
- (g) 2 Combination squares;
- (h) 5 30 meter measuring tapes;
- (i) 10 3 meter measuring tapes;
- (j) 2 3 meter measuring sticks;
- (k) 3 Plumb bobs;
- (l) 1 Plumb bob cord;
- (m) 10 Plumb bob targets;
- (n) 3 Rolls of tape;
- (o) 3 Log books;
- (p) 2 Rod levels;
- (q) 2 2.5 meter range rods; and
- (r) 1 Tripod.

12. Camera Equipment (quantity for each inspection team):

- (a) 2 Digital cameras (minimum 5 megapixel resolution, specific camera type to be agreed) with charger provided by the inspected party;
- (b) 1 Lens to be provided by the inspected party;
- (c) 1 Flash to be provided by the inspected party;
- (d) 1 Memory card for camera to be provided by the inspected party;
- (e) 1 Portable color printer with charger (specific type to be agreed) to be provided by the inspected party;
- (f) 1 Tripod;
- (g) 2 Spare batteries each for cameras, flash, and portable printer;
- (h) 1 Range rod point;
- (i) 1 Camera case;
- (j) 1 Package of lens tissue;
- (k) 1 Lens brush;
- (l) 1 2.5 meter range rod; and
- (n) 2 Lens filters one ultraviolet haze, one amber.

13. Other Portable Equipment (quantity for each inspector):

- (a) 1 Flashlight (safety approved), with spare batteries and spare bulb;
- (b) 1 Magnetic compass;



- (c) 1 Pocket calculator with spare batteries;
- (d) 1 Roll of tamper indicating tape seals;
- (e) 1 Thermoluminescent dosimeter; and
- (f) 1 Ionization dosimeter.

¶4. Other Portable Equipment (quantity for each inspection team):

- (a) 2 Ionization dosimeter charger units.

¶5. Weighing Devices (as agreed by the Parties within the framework of the Bilateral Consultative Commission for the purpose of confirming the launch weight of an ICBM or SLBM of a new type).

¶B. For the Russian Federation:

¶1. Linear Measurement Devices (quantity for each inspection team):

- (a) 5 30 meter measuring tapes;
- (b) 5 5 meter measuring tapes;
- (c) 2 3 meter measuring sticks;
- (d) 4 Plumb bobs;
- (e) 2 Plumb bob cords;
- (f) 4 Plumb bob targets;
- (g) 1 Roll of tape; and
- (h) 1 Inspection suitcase.

¶2. Camera Equipment (quantity for each inspection team):

- (a) 2 Digital cameras (minimum 5 megapixel resolution, specific camera type to be agreed) with charger provided by the inspected party;
- (b) 1 Lens to be provided by the inspected party;
- (c) 1 Flash to be provided by the inspected party;
- (d) 1 Memory card for camera;
- (e) 1 Portable color printer with charger to be provided by the inspected party;
- (f) 1 Tripod;
- (g) 2 Spare batteries each for cameras, flash, and portable printer;
- (h) 1 Range rod point;
- (i) 1 Camera case;
- (j) 1 Package of lens tissue;
- (k) 1 Lens brush;
- (l) 1 2.5 meter range rod; and
- (n) 2 Lens filters one ultraviolet haze, one amber.

¶3. Other Portable Equipment (quantity for each inspector):

- (a) 1 Flashlight (safety approved), with spare batteries and spare bulb;
- (b) 1 Magnetic compass;
- (c) 1 Pocket calculator with spare batteries;
- (d) 1 Roll of tamper-indicating tape seals;
- (e) 1 Ruler; and
- (f) 1 Thermoluminescent dosimeter.

¶4. Weighing device (as agreed by the Parties within the framework of the Bilateral Consultative Commission for the purpose of confirming the launch weight of an ICBM or SLBM of a new type).

IV. Characteristics of equipment for inspections during heavy bomber distinguishability exhibitions and heavy bomber baseline exhibitions conducted pursuant to paragraph 7 of Article XI of the Treaty and during exhibitions of long-range non-nuclear ALCMs conducted pursuant to notifications provided in accordance with Section VII of the Notification Protocol.

¶A. For the United States of America:

¶1. Linear Measurement Devices (quantity for each inspection team):

- (a) 3 Measuring tape clamps;
- (b) 2 Tape tensioning scales;
- (c) 2 Magnifying glasses;
- (d) 2 Hand levels;
- (e) 2 String line levels;
- (f) 2 Calipers with micrometer screw;
- (g) 2 Combination squares;
- (h) 5 30 meter measuring tapes;
- (i) 10 3 meter measuring tapes;
- (j) 2 3 meter measuring sticks;
- (k) 3 Plumb bobs;
- (l) 1 Plumb bob cord;
- (m) 10 Plumb bob targets;
- (n) 3 Rolls of tape;
- (o) 3 Log books;
- (p) 2 Rod levels;
- (q) 2 2.5 meter range rods; and
- (r) 1 Tripod.

12. Camera Equipment (quantity for each inspection team):

- (a) 2 Digital cameras (minimum 5 megapixel resolution, specific camera type to be agreed) with charger provided by the inspected party;
- (b) 1 Lens to be provided by the inspected party;
- (c) 1 Flash to be provided by the inspected party;
- (d) 1 Memory card for camera to be provided by the inspected party;
- (e) 1 Portable color printer with charger (specific type to be agreed), to be provided by the inspected party;
- (f) 1 Tripod;
- (g) 2 Spare batteries each for cameras, flash, and portable printer;
- (h) 1 Range rod point;
- (i) 1 Camera case;
- (j) 1 Package of lens tissue;
- (k) 1 Lens brush;
- (l) 1 2.5 meter range rod; and
- (n) 2 Lens filters one ultraviolet haze, one amber.

13. Other Portable Equipment (quantity for each inspector):

- (a) 1 Flashlight (safety approved), with spare batteries and spare bulb;
- (b) 1 Magnetic compass;
- (c) 1 Pocket calculator with spare batteries;
- (d) 1 Roll of tamper indicating tape seals;
- (e) 1 Thermoluminescent dosimeter; and
- (f) 1 Ionization dosimeter.

14. Other Portable Equipment (quantity for each inspection team):

- (a) 2 Ionization dosimeter charger units; and
- (b) Set of radiation detection equipment consisting of the following:
  - (i) 2 Neutron detectors, including preamplifiers with signal/power cables (counting time - 150 seconds);
  - (ii) 2 Electronic counters, with instruction manual;
  - (iii) 10 Plastic bags for weather protection;
  - (iv) 1 Americium-241-Lithium neutron source for calibration, emitting approximately 3000 neutrons per second, precalibrated by the inspecting Party;
  - (v) 1 Tool kit;
  - (vi) 30 Spare batteries, miscellaneous sizes;
  - (vii) 1 Stand for neutron detector;
  - (viii) 1 Measuring tape;
  - (ix) 2 Battery-powered lights;
  - (x) 3 Programmable calculators with instruction manual;
  - (xi) 2 Thermometers;
  - (xii) 1 Stand for calibration source; and
  - (xiii) 4 Instruction manuals, two in English and two in Russian.

1B. For the Russian Federation:

11. Linear Measurement Devices (quantity for each inspection team):

- (a) 5 30 meter measuring tapes;
- (b) 5 5 meter measuring tapes;
- (c) 2 3 meter measuring sticks;
- (d) 4 Plumb bobs;
- (e) 2 Plumb bob cords;
- (f) 4 Plumb bob targets;
- (g) 1 Roll of tape; and
- (h) 1 Inspection suitcase.

- (a) 2 Digital cameras (minimum 5 megapixel resolution, specific camera type to be agreed) with charger provided by the inspected party;
- (b) 1 Lens to be provided by the inspected party;
- (c) 1 Flash to be provided by the inspected party;
- (d) 1 Memory card for camera to be provided by the inspected party;
- (e) 1 Portable color printer with charger (specific type to be agreed), to be provided by the inspected party;
- (f) 1 Tripod;
- (g) 2 Spare batteries each for cameras, flash, and portable printer;
- (h) 1 Range rod point;
- (i) 1 Camera case;
- (j) 1 Package of lens tissue;
- (k) 1 Lens brush;
- (l) 1 2.5 meter range rod; and
- (n) 2 Lens filters one ultraviolet haze, one amber.

13. Other Portable Equipment (quantity for each inspector):

- (a) 1 Flashlight (safety approved), with spare batteries and spare bulb;
- (b) 1 Magnetic compass;
- (c) 1 Pocket calculator with spare batteries;
- (d) 1 Roll of tamper-indicating tape seals;
- (e) 1 Ruler; and
- (f) 1 Thermoluminescent dosimeter.

14. Other Portable Equipment (quantity for each inspection team):

- (a) Set of SRPN6 radiation detection equipment consisting of the following:
  - (i) 2 neutron detectors, including preamplifiers with signal/power cables, manufactured by NIIIT, Model SRPN6.05.000 (counting time 150 seconds);
  - (ii) 2 Registering Devices, Model SRPN6.04.000;
  - (iii) 1 Americium-241-Lithium neutron source for calibration, emitting approximately 3000 neutrons per second, precalibrated by the inspecting Party;
  - (iv) 2 Measuring tapes;
  - (v) 2 Battery-powered lights;
  - (vi) 1 Stand for neutron detector;
  - (vii) 6 Spare batteries;
  - (viii) 2 Calculators, programmable;
  - (ix) 1 Stand for calibration source;
  - (x) 4 Operating instruction manuals, two in English and two in Russian.

1V. Characteristics of equipment for continuous monitoring activities conducted pursuant to paragraph 8 of Article XI of the Treaty.

1A. For the United States of America:

11. Tape measures, measuring sticks, and other devices as agreed between the Parties for measuring dimensions.

12. Camera equipment capable of producing instant development photographic prints, with tripod and measuring sticks as agreed by the Parties.

13. Flashlights.

14. Other equipment as agreed by the Parties.

15. Engineering site survey equipment:

- (a) 2 Theodolites, levels, survey chains, survey rods, and stakes;
- (b) 2 Light meters;
- (c) Engineering tape and stakes, as necessary;
- (d) 1 Measuring Wheel;
- (e) 6 Measuring tapes, two of each length (3, 30, and 100 meter);
- (f) Topographic maps, as necessary;
- (g) 2 Water sampling kits;
- (h) 2 Portable computers, printers, and accessories;
- (i) 1 Portable copier;
- (j) 1 Portable facsimile machine;
- (k) 2 Video cameras with portable recorders;
- (l) 1 Video cassette recorder, with video cassettes, and television monitor;
- (m) 2 Digital cameras (minimum 5 megapixel resolution, specific camera type to be agreed) with charger provided by the inspected party; and
- (n) Hand tools (hammers, pliers, screwdrivers, etc.) and expendable materials, as required.

End text.

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